

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/08910

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B10/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 536 387 B1 (YOUQING XIANG) 25 March 2003 (2003-03-25) cited in the application column 1, line 27 - line 44 column 3, line 49 -column 4, line 3 column 4, line 11 - line 30 column 9, line 55 -column 10, line 17 column 31, line 47 -column 32, line 7 column 32, line 24 - line 31 column 32, line 45 - line 51 column 33, line 40 - line 48 figures 30,31 --- -/-/	1-12,16, 17, 21-23, 25,27,28

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

Special categories of cited documents:

'A' document defining the general state of the art which is not considered to be of particular relevance

'E' earlier document but published on or after the International filing date

L document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

'O' document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention.

'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone.

Y document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

* & document member of the same patent family

Date of the actual completion of the International search 17 March 2004	Date of mailing of the International search report 23/03/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Hadziefendic, I

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MAHDI M A ET AL: "Low-noise and high-gain L-band EDFA utilising a novel self-generated signal-seeding technique" OPTICS COMMUNICATIONS, NORTH-HOLLAND PUBLISHING CO. AMSTERDAM, NL, vol. 195, no. 1-4, August 2001 (2001-08), pages 241-248, XP004274341 ISSN: 0030-4018 page 242 -page 247 -----	3,4,7-10

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Information on patent family members

International application No

PCT/EP 03/08910

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 6536387	B1 27-03-2003	US DE GB JP	2003056741 A1 10244291 A1 2380814 A ,B 2003193871 A	27-03-2003 08-05-2003 16-04-2003 09-07-2003